



## Jahrbucher Fur Die Dogmatik Des Heutigen Romischen Und Deutschen Privatrechts (16 V. 1878)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Original publisher: Gaithersburg, MD : U. S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology, 1997. OCLC Number: (OCoLC)39150762 Subject: Computer vision. Excerpt: . . . Uncalibrated vision results In this section, we describe our experiments and experiences in developing new image Jacobian-based techniques for CMM control. Our method assumes that a mechanism exists for picking out the tip of the probe in the image and for indicating the desired scan path. In this system, the probe tip and scan path are indicated by the user on the graphic user interface. We model the relationship between the camera system and image space using the following equation:  $x = U^{-1} T$ , where  $T$  is end effector coordinates.  $(1) y = P(T)$   $T = T_{probe} V_{cam}^{-1} z$  Differentiating the above equation results in a relationship which relates image space with the 3D world. However, full knowledge of all the parameters is necessary to derive the complete Jacobian matrix. Since we assume that the calibration between image space and the world does not exist, we...



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